

Title (en)  
PERSONAL HYGIENE PRODUCT WITH A DIGITAL ELEMENT

Title (de)  
PERSÖNLICHES HYGIENEPRODUKT MIT EINEM DIGITALEN ELEMENT

Title (fr)  
PRODUIT D'HYGIÈNE PERSONNELLE AVEC UN ÉLÉMENT NUMÉRIQUE

Publication  
**EP 3727253 C0 20240124 (EN)**

Application  
**EP 18834248 A 20181221**

Priority

- US 201762608836 P 20171221
- US 2018067004 W 20181221

Abstract (en)  
[origin: WO2019126606A1] A personal hygiene product with a digital element includes an external personal hygiene product to absorb bodily fluids and a conductive sensor assembly disposed therein. The conductive sensor assembly includes a pair of conductive elements disposed in parallel in a mirrored image about the perimeter of the personal hygiene product and at least one connector directly contacting the pair of conductive elements, said conductive sensor assembly generating a signal indicative of fluid leakage of said personal hygiene product when fluid reaches the area between the pair of conductive elements. The conductive sensor assembly is arranged and configured to communicate with a smart hand held electronic device, either directly or through a wireless connection.

IPC 8 full level  
**A61F 13/42** (2006.01); **A61F 13/47** (2006.01); **A61F 13/84** (2006.01); **G08B 21/20** (2006.01)

CPC (source: EP US)  
**A61F 13/42** (2013.01 - EP US); **A61F 13/47** (2013.01 - EP); **A61F 13/472** (2013.01 - US); **A61F 13/511** (2013.01 - US);  
**A61F 13/84** (2013.01 - EP US); **G08B 21/20** (2013.01 - EP); **A61F 2013/424** (2013.01 - EP US); **A61F 2013/429** (2013.01 - US);  
**A61F 2013/8479** (2013.01 - EP US)

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Participating member state (EPC – UP)  
AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

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**WO 2019126606 A1 20190627**; AU 2018389136 A1 20200528; AU 2018389136 B2 20240418; BR 112020012640 A2 20201201;  
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CA 3082530 A1 20190627; CN 111447902 A 20200724; CN 111447902 B 20220510; CO 2020006387 A2 20200609; EP 3727253 A1 20201028;  
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PL 18834248 T 20181221; RU 2020120771 A 20181221; US 201816954623 A 20181221; ZA 202004459 A 20200720